



LPC-0809

8" Intel® Atom™ SoC Processor E3845 Fanless Rugged Touch Panel PC

- > 8" SVGA TFT Touch Panel PC
- > 5-wire Resistive Touch Screen
- > Intel® Atom™ E3845 1.91GHz CPU
- > HDMI, Audio
- > Dual Gigabit Ethernet, Optional WiFi Module
- > 1 CF, 2 COM, 4 USB
- > No HDD Support
- > Fanless
- > Wide Range Voltage Input +12V ~ +26V
- > IP65 Compliant Front Panel
- > VESA Compliance
- > Rugged Environment Applicable

+ Spec

| -System Information- | |
|---------------------------|--|
| Processor | Intel® Atom™ E3845 4-Core 1.91GHz processor |
| Platform Controller Hub | Intel® Valleyview SoC |
| System Memory | 1 x 204-Pin DDR3L 1333MHz SO-DIMM up to 8 GB |
| I/O Chipset | EC ITE IT8528E |
| Watchdog Timer | H/W Reset, 1sec. ~ 65535sec. and 1sec./step |
| H/W Status Monitor | Monitoring CPU & System Temperature and Voltage |
| SBC | ECM-BYT |
| Expansion | |
| Expansion | 1 x Mini PCIe Support mSATA |
| Storage | |
| Storage | 1 x CompactFlash Type III Socket |
| Panel | |
| LCD Size | 8", 4:3 |
| Display Type | SVGA |
| Resolution | 800x600 |
| Pixel pitch | 0.0675mm(H) x 0.2025mm(V) |
| Luminance | 500 cd/m2 |
| Contrast ratio | 500 |
| Viewing angle | 50(U), 70(D), 70(L), 70 (R) |
| Response time | 25 ms |
| Backlight | LED |
| Touch Type | 5 Wires resistive |
| Touch Light Transmission | 80% |
| Touch Controller | USB touch (EETI) |
| I/O | |
| USB Port | 1 x USB 3.0 3 x USB 2.0 |
| COM Port | 1 x RS-232 1 x RS-232/422/485 |
| Other | 1 x HDMI |
| Display | |
| Graphic Chipset | Intel® Valleyview SoC integrated Graphics Supports dual display |
| Spec. & Resolution | HDMI:Max. resolution 1920x1200@ 60Hz |
| Audio | |
| Audio Codec | Realtek ALC888S |
| Audio Interface | Line-Out |
| Certifications | |
| Certification Information | CE / FCC Class B |
| Ethernet | |
| LAN Chipset | 2 x Intel® I211AT |
| Ethernet Interface | 10/100/1000 Base-Tx GbE compatible |
| LAN Port | 2 x RJ-45 |
| Power Requirement | |
| DC Input | +12V ~ +26V |
| DC Input Connector | Lockable DC Jack |
| Power Mode | AT/ATX (ATX is default setting) |



| | |
|---------------------------------------|--|
| Adapter | Input: 100 ~ 240Vac/ 50 ~ 60Hz Output: 60W Adapter (12V @ 5A Adapter) |
| Mechanical & Environmental | |
| Operating Temperature | 0°C ~ 40°C (32°F ~ 104°F) |
| Storage Temperature | -20°C ~ 60°C (-4°F ~ 140°F) |
| Operating Humidity | 0% ~ 90% Relative Humidity, Non-condensing |
| Dimension (W x L x H) | 202.5 x 159.5 x 46.5 mm |
| Weight | 1.5Kgs |
| Vibration Test | With SSD/mSATA : 1.5Grms, IEC 60068-2-64, Random, 5 ~ 500Hz, 30min/axis |
| Shock Test | With CF/SSD : 10Grms, IEC 60068-2-27, Half Sine, 11ms |
| System Fan | Fanless |
| Construction - Front | Silver Aluminum |
| Construction - Rear | Black |
| Software Support | |
| OS Information | Win 7 Win 8 Linux |
| Ordering Information | |
| Ordering Information | <p>LPC-0809-384-A3R Intel Atom E3845 1.91GHz/4G DDR3L/2GLAN/2COM/4USB/12~26V input/12V Adaptor</p> <p>LPC-0809-WMB-A3R Intel Atom E3845 1.91GHz/4G DDR3L/2GLAN/2COM/4USB/Back panel mount/12~26V input/12V Adaptor</p> <p>ACC-LPC-WIFI-01R MPCIE WIFI-Kit for LPC Series(half-card) Antenna/Cable/BT4.0/802.11a/b/g/n/ac</p> <p>ACC-LPC-08-PMT-03R Front Panel Mount Kit for LPC-08 Series, w/o IP-65</p> <p>ACC-LPC-08-PMT-04R Front Panel Mount Kit for LPC-08 Series, w/ IP-65</p> <p>E1702031833R USA Power Cord</p> <p>E1702031000R EU Power Cord</p> <p>E1702031834R Japan Power Cord</p> <p>E1702031830R UK Power Cord</p> <p>E1702031831R Australia Power Cord</p> |